# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Saturday 07 Aug 2021 until 23:59 on Sunday 08 Aug 2021

Forecast Issued on Friday 06 Aug 2021 at 14:31

**Confidence:** High for unsettled conditions dominating this weekend, with showers and some longer spells of rain, some heavy and thundery. A trend towards more settled conditions by Tuesday.

**Headline for Saturday 07 Aug 2021:** Showers, some turning heavy and thundery. Longer spells of rain possible with strong winds, mainly across summits.

**Mountain weather hazards on Saturday 07 Aug 2021**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
Medium Likelihood

**Severe chill effect**
Low Likelihood

**Poor visibility**
Medium Likelihood

**Thunderstorms**
High Likelihood

**Heavy persistent rain**
Medium Likelihood

**Strong sunlight**
Low Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Cloudy | Light rain showers | Light rain showers | Heavy rain showers | Heavy rain showers | Thundery showers | Heavy rain showers | Heavy rain showers |
| Precipitation probability | | | | | | | |
| 20% | 50% | 50% | 70% | 70% | 80% | 70% | 50% |

**Forecast for Saturday 07 Aug 2021**

**Weather:** Probably starting dry and mainly cloudy with a few clear spells during early hours of Saturday morning with southerly winds. Increasing chance of showers arriving from the southwest by dawn. These showers turning heavy through Saturday morning with brief bright or sunny spells. Showers thundery with hail possible by the afternoon. Further heavy showers with thunder possible and some sunny spells for the afternoon. Showers slowly easing through the evening.

**Chance of cloud free mountain/hill tops above 600m:** 50% becoming 90% by late morning but cloud bases lowering to 600m in more prolonged and heavier showers.

**Visibility:** Good or very good in early hours becoming mainly moderate once showers get going and poor or very poor in heaviest showers.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Saturday 07 Aug 2021**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 22/32 SW | 22/31 S | 23/33 S | 21/31 S | 17/25 SW | 15/24 SW | 15/23 SW | 17/25 SW | 20/31 SW |
| **300** | 16/26 S | 16/26 S | 19/30 S | 18/28 S | 13/21 S | 12/20 SW | 11/19 SW | 13/22 SW | 16/26 SW |
| **Valley** | 10/24 S | 11/25 S | 13/28 S | 13/27 S | 10/21 SW | 8/19 SW | 9/19 SW | 10/21 SW | 12/25 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 10/6 | 10/6 | 10/6 | 10/7 | 12/9 | 13/10 | 12/9 | 12/8 | 11/7 |
| **300** | 12/10 | 12/9 | 12/9 | 13/10 | 14/12 | 15/13 | 15/13 | 14/12 | 13/10 |
| **Valley** | 13/11 | 12/10 | 12/10 | 13/11 | 15/13 | 15/14 | 15/14 | 14/13 | 14/12 |
| **Freezing Level*** | 2200m | 2200m | 2300m | 2500m | 2500m | 2500m | 2600m | 2600m | 2500m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Strong and gusty winds across summits, with quite chilly conditions in heavy showers. Hail and lightning likely to be a hazard. Note change in wind direction through the day.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Fri 06 Aug 2021 | 16.4mm | 17.4mm | 17.4mm |

**Forecast for Sunday 08 Aug 2021**

**Weather:** A showery start to Sunday with a few clear spells. Some of the showers will be occasionally heavy. On Sunday morning further showers are likely with a longer spell of rain and drizzle likely, perhaps heavy. Brightening for the afternoon with current indications for drier conditions and some sunny spells, along with further showers becoming less heavy. Mainly dry conditions with a chance of a few showers for the evening with lighter winds.

**Maximum wind:** Westerly or southwesterly 20-25mph with gusts around 40mph.

**Chance of cloud free mountain/hill tops above 600m:** 0-20% for much of the morning becoming 90-100% during the afternoon as brighter weather develops.

**Visibility:** Poor or very poor for much of the morning, becoming moderate or good in afternoon, perhaps very good by Sunday evening.

**Temperature:** **Valleys:** Plus 11 degrees Celsius becoming Plus 19 degrees Celsius.
**At 600m:** Plus 10 degrees Celsius becoming Plus 14 degrees Celsius.
**Freezing level:** Well above the summits.

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